

Title (en)
New steroids having an amide substituted group in the 11-beta position, their preparation, their use as medicines and pharmaceutical composition thereof

Title (de)
Neue 19-Nor Steroide, die eine Amid tragende Gruppe in der 11-Beta-Stelle haben, ihre Herstellung, ihre Verwendung als Medikamente und pharmazeutische Präparate davon

Title (fr)
Nouveaux 19-Nor stéroïdes ayant en position 11bêta une chaîne carbonée comportant une fonction amide, leur préparation, leur application comme médicaments et les compositions pharmaceutiques les renfermant

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Application
EP 91402214 A 19910809

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FR 9010323 A 19900814

Abstract (en)
[origin: EP0471612A2] The invention relates to the compounds: <IMAGE> either n = 1, K = oxygen, R17 = hydroxyl, <IMAGE> R'17 = hydrogen, ethynyl, RA = methyl, RA' = isopropyl, butyl, heptafluorobutyl, X = methylene, phenylene or phenyloxy, Y = -(CH2)7; -(CH2)8-; -(CH2)5-C IDENTICAL C-; -(CH2)q-O-CH2-, q = 5 to 7, and -(CH2)5-S-CH2-, or n = 1 or 2, K = oxygen or sulphur, R17 and R'17 = ketone or R17 = hydroxyl or acyloxy and R'17 = hydrogen, alkyl, alkenyl, alkynyl, X = methylene, arylene, CH2-O, aryleneoxy or aryleneethio, Y = a bond or aliphatic chain optionally interrupted by arylene, oxygen or sulphur, optionally oxidised, and optionally ending with arylene, Z = bond and if Y and Z = bond, X NOTEQUAL CH2 or CH2-O, RA or RA' = hydrogen, alkyl, heterocycle (5 or 6 members) optionally substituted with RA or RA' NOTEQUAL hydrogen, - or n = 2, or K = sulphur, or X = aryleneethio, or RA and RA' = heterocycle substituted by aryl or aralkyl, their preparation, their application as medicinal products and pharmaceutical compositions containing them.

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Cited by
AU666916B2; US5670521A; US5648365A; EP1310509A3; EP0629635A1; FR2706454A1; AU673919B2; WO9313123A1; WO9855499A1; US9732071B2; WO9933859A3; US9394287B2; US10016418B2; US10953007B2

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